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From: Jon Rosenfield, Ph.D.
Sent: Thur 1/9/2014 5:37:02 PM

Subject: San Joaquin Draft Bio-Criteria -- revised ppt.

Draft San Joaquin Objectives 010914.pptx

## Colleagues

Attached is the revision to the .ppt that we showed to Board members earlier this week. Non-editorial changes from previous versions, include:

- better description of each slide in the "Notes" field
- the notion that survival bio-criteria for each of the three Productivity Goals could be presented as a <u>range</u> for in-River and in-Delta, as long as the product of the values chosen in any given year met the target survival (i.e. choosing the lowest value of the range for indelta and in-river survival would not result in attainment of the survival target)

**Diane** -- a major difference between this presentation and what we showed you is that we deemphasize the "number of juveniles caught at Caswell" figures. Seems to me that those outcomes were more pertinent to the Tributaries Process and that the relevant bio-criteria for Phase I would be the freshwater survival rates themselves (e.g. Egg--> Vernalis/Mossdale survival = "x", assuming Vernalis to Chipps survival = "y"). What is **not** included in the current ppt's discussion of in-river survival rates is the notion that we expect these to vary somewhat based on annual hydrology (wet -- medium -- dry years in slides 34-36). This omission was only to make the presentation manageable. So, when you all discuss this internally, just know that we do expect survival to vary with hydrology and the numbers we've presented here represent the mid-point of the hydrology-survival spectrum).

Thanks to all of you for your help in pulling all this info together! JR

--

Jon Rosenfield, Ph.D. Conservation Biologist The Bay Institute 510 684 4757

--"Unless ...."

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